

Application No.: To be assigned
65 C.F.R. § 1.53 (b) continuation
of Serial No. 09/359,809

Amendments to the claims:

The listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1 - 58 (cancelled without prejudice or disclaimer)

59 (currently amended) ~~The lubricant composition of claim 57~~ A lubricant composition consisting essentially of a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile, acrylamide, co-polymers thereof or mixtures thereof, wherein said material for decreasing friction is a solid lubricant, wherein said solid lubricant is an inorganic compound, carbon or metal that provides barrier-layer lubrication, or mixtures thereof, and wherein said material for decreasing friction optionally contains a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound,

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extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

60 (currently amended) The lubricant composition of claim 59, wherein said solid lubricant is graphite, molybdenum disulfide, cobalt chloride, antimony oxide, niobium selenide, tungsten disulfide, mica, boron nitride, silver sulfate, cadmium chloride, cadmium oxide, cadmium iodide, borax, basic white lead, lead carbonate, lead monoxide, lead iodide, asbestos, talc, zinc oxide, carbon, babbitt, bronze, brass, aluminum, gallium, indium, thallium, thorium, copper, silver, gold, mercury, lead, tin, indium, or the Group VIII noble metals or mixtures thereof.

61 (currently amended) ~~The lubricant composition of claim 57~~ A lubricant composition consisting essentially of a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile, acrylamide, co-polymers thereof or mixtures thereof, wherein said material for

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decreasing friction is a solid organic lubricant, and wherein said material for decreasing friction optionally contains a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

62 (previously presented) The lubricant composition of claim 61, wherein said solid organic lubricant is a fluoroalkylene homopolymer or copolymer, a lower alkylene polyolefin homopolymer or co-polymer, a paraffinic hydrocarbon wax, phenanthrene, copper phthalocyanine, or mixtures thereof.

63-64 (cancelled without prejudice or disclaimer)

65 (currently amended) ~~The lubricant composition of claim 57~~ A lubricant composition consisting essentially of a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile,

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acrylamide, co-polymers thereof or mixtures thereof, wherein said material for decreasing friction is a solid lubricant and water, optionally containing a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

66 (currently amended) The lubricant composition of claim 65, wherein said solid lubricant is graphite, molybdenum disulfide, cobalt chloride, antimony oxide, niobium selenide, tungsten disulfide, mica, boron nitride, silver sulfate, cadmium chloride, cadmium oxide, cadmium iodide, borax, basic white lead, lead carbonate, lead monoxide, lead iodide, asbestos, talc, zinc oxide, carbon, babbitt, bronze, brass, aluminum, gallium, indium, thallium, thorium, copper, silver, gold, mercury, lead, tin, indium, the Group VIII noble metals, a fluoroalkylene homopolymer or copolymer, a lower alkylene polyolefin homopolymer or co-polymer, a paraffinic hydrocarbon wax, phenanthrene, copper phthalocyanine, or mixtures thereof.

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67 (currently amended) ~~The lubricant composition of claim 57~~ A lubricant composition consisting essentially of a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile, acrylamide, co-polymers thereof or mixtures thereof, wherein said material for decreasing friction is a phosphate, and wherein said material for decreasing friction optionally contains a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

68 (original) The lubricant composition of claim 67, wherein said material for decreasing friction is zinc phosphate, iron phosphate or manganese phosphate, or mixtures thereof.

69-70 (cancelled without prejudice or disclaimer)

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71 (currently amended) ~~The lubricant composition of claim 57~~ A lubricant composition consisting essentially of a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile, acrylamide, co-polymers thereof or mixtures thereof, wherein said material for decreasing friction is a soap, and wherein said material for decreasing friction optionally contains a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

72 (canceled without prejudice or disclaimer).

73 (new) The composition of claim 59 wherein said solid lubricant comprises the chalcogenides of a non-noble metal and mixtures of said lubricant.

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74 (new) The composition of claim 65 wherein said solid lubricant comprises the chalcogenides of a non-noble metal and mixtures of said lubricant.

75 (new) The composition of claim 59 wherein said solid lubricant comprises the chalcogenides of molybdenum, antimony, niobium, and tungsten and mixtures of said lubricant.

76 (new) The composition of claim 65 wherein said solid lubricant comprises the chalcogenides of molybdenum, antimony, niobium, and tungsten and mixtures of said lubricant.

77 (new) The composition of claim 59 wherein said solid lubricant comprises the sulfides of molybdenum, antimony, niobium, and tungsten and mixtures of said lubricant.

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78 (new) The composition of claim 65 wherein said solid lubricant comprises the sulfides of molybdenum, antimony, niobium, and tungsten and mixtures of said lubricant.

79 (new) The composition of any one of claims 73, 75, and 77 wherein said mixture comprises a two component mixture of said lubricants.

80 (new) The composition of any one of claims 74, 76, and 78 wherein said mixture comprises a two component mixture of said lubricants.

81 (new) The composition of any one of claims 73, 75, and 77 wherein said mixture comprises a three component mixture of said lubricants.

82 (new) The composition of any one of claims 74, 76, and 78 wherein said mixture comprises a three component mixture of said lubricants.

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83 (new) The composition of any one of claims 73, 75, and 77 wherein said mixture comprises a four component mixture of said lubricants.

84 (new) The composition of any one of claims 74, 76, and 78 wherein said mixture comprises a four component mixture of said lubricants.

85 (new) A lubricant composition which is a product produced by the process of combining a superabsorbent polymer with a material for decreasing friction between moving surfaces, wherein said superabsorbent polymer absorbs greater than about 100 times its weight in water and is a polymer of acrylic acid, an acrylic ester, acrylonitrile, acrylamide, co-polymers thereof or mixtures thereof, wherein said material for decreasing friction is a grease, and wherein said material for decreasing friction optionally contains a lubricant additive, wherein said lubricant additive is an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity-index improver, or foam inhibitor.

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86 (new) The composition of any one of claims 59-62, 67-68, 71, 73, 75, 77,
and 85 wherein said composition is substantially anhydrous.

87 (new) The composition of claim 79 wherein said composition is substantially
anhydrous.

88 (new) The composition of claim 81 wherein said composition is substantially
anhydrous.

89 (new) The composition of claim 83 wherein said composition is substantially
anhydrous.

REMARKS